

Applicants : Donal O'Shea et al.
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This listing of claims will replace all prior versions, and listings, of claims in the application.

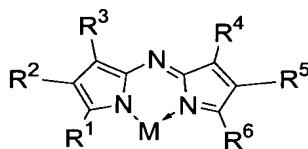
Listing of Claims:

1-26(cancelled)

27 (previously presented)A pharmaceutical composition comprising,

in association with a pharmaceutically acceptable diluent or carrier,

a compound of the formula



or a salt, metal complex or hydrate or other solvate thereof, wherein:

M is a chelating agent;

R¹, R², R³, R⁴, R⁵ and R⁶ are independently selected from the group consisting of: H; a substituted or unsubstituted, saturated or unsaturated, cyclic, moiety; a substituted or unsubstituted, saturated or unsaturated, heterocyclic moiety; or a substituted or unsubstituted, saturated or unsaturated, straight or branched chain alkyl or acyl moiety; and

R² and R⁵ may, in addition, be independently a heavy atom or a water-solubilizing group.

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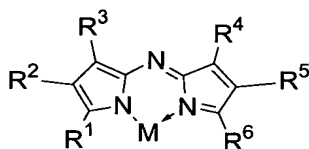
28 (previously presented) A pharmaceutical composition as claimed in Claim 27, wherein M is selected from the group comprising: BX_2 , wherein each X is independently a halide; Zn; Al; Si; Mg; Lu; and Sn.

29 (previously presented) A pharmaceutical composition as claimed in Claim 27, wherein R^1 , R^2 , R^3 , R^4 , R^5 and R^6 are independently selected from the group consisting of: H; a substituted or unsubstituted, saturated or unsaturated, aryl, moiety; and a substituted or unsubstituted, saturated or unsaturated, heteroaryl moiety.

30 (previously presented) A pharmaceutical composition as claimed in Claim 27, wherein R^2 and R^5 are selected from chlorine, bromine and iodine.

31 (previously presented) A method of treating a photosensitive target biological cell *in vivo* or *in vitro*, the method comprising the steps of

contacting the target biological cell with an effective amount of a compound of the formula



or a salt, metal complex or hydrate or other solvate thereof, wherein:

M is a chelating agent;

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R^1 , R^2 , R^3 , R^4 , R^5 and R^6 are independently selected from the group consisting of: H; a substituted or unsubstituted, saturated or unsaturated, cyclic, moiety; a substituted or unsubstituted, saturated or unsaturated, heterocyclic moiety; or a substituted or unsubstituted, saturated or unsaturated, straight or branched chain alkyl or acyl moiety; and

R^2 and R^5 may, in addition, be independently a heavy atom or a water-solubilizing group; and then subjecting the photosensitive target biological cell with light absorbed by the said photosensitive cell.

32 (previously presented) A method as claimed in Claim 31, wherein M is selected from the group comprising: BX_2 , wherein each X is independently a halide; Zn; Al; Si; Mg; Lu; and Sn.

33 (previously presented) A method as claimed in Claim 31, wherein R^1 , R^2 , R^3 , R^4 , R^5 and R^6 are independently selected from the group consisting of: H; a substituted or unsubstituted, saturated or unsaturated, aryl, moiety; and a substituted or unsubstituted, saturated or unsaturated, heteroaryl moiety.

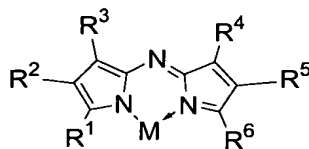
34 (previously presented) A method as claimed in Claim 31, wherein R^2 and R^5 are selected from chlorine, bromine and iodine.

35 (New) A pharmaceutical composition comprising,

in association with a pharmaceutically acceptable diluent or carrier,

a compound of the formula

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or a salt, metal complex or hydrate or other solvate thereof, wherein:

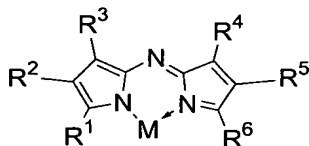
M is a chelating agent comprising BX_2 , wherein each X is independently a halide;

R^1 , R^2 , R^3 , R^4 , R^5 and R^6 are independently selected from the group consisting of: H; a substituted or unsubstituted, saturated or unsaturated, cyclic, moiety; a substituted or unsubstituted, saturated or unsaturated, heterocyclic moiety; or a substituted or unsubstituted, saturated or unsaturated, straight or branched chain alkyl or acyl moiety; and

R^2 and R^5 may, in addition, be independently a heavy atom or a water-solubilizing group.

36 (new) A method of treating a photosensitive target biological cell *in vivo* or *in vitro*, the method comprising the steps of

contacting the target biological cell with an effective amount of a compound of the formula



or a salt, metal complex or hydrate or other solvate thereof, wherein:

M is a chelating agent comprising BX_2 , wherein each X is independently a halide;

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R^1 , R^2 , R^3 , R^4 , R^5 and R^6 are independently selected from the group consisting of: H; a substituted or unsubstituted, saturated or unsaturated, cyclic, moiety; a substituted or unsubstituted, saturated or unsaturated, heterocyclic moiety; or a substituted or unsubstituted, saturated or unsaturated, straight or branched chain alkyl or acyl moiety; and

R^2 and R^5 may, in addition, be independently a heavy atom or a water-solubilizing group; and then subjecting the photosensitive target biological cell with light absorbed by the said photosensitive cell.